SEQUENCE LISTING

<110> Connex Gesellschaft zur Optimierung von Forschung und Entwicklung mbH

<120> Improved Method for Detecting Acid Resistant Microorganisms in the Stool

<130> D 2394 PCT

<140>
<141>

<160> 56

<170> PatentIn Ver. 2.1

<210> 1
<211> 354
<212> DNA
<213> Mus musculus

<400> 1
gaggtgcagc tgctcgagca gcctggggct gaactggcaa aacctggggc ctcagtgaag 60
atgtcctgca aggcttctgg ctacaccttt actaactact ggattcactg ggtgaaacag 120
aggcctggac agggtctgaa atggattgga tacattaatc ctgccactgg ttccacttct 180
tacaatcagg actttcagga cagggccact ttgaccgcag acaagtcctc caccacagcc 240
tacatgcagc tgaccagcct gacatctgag gactcttcag tctattactg tgcaagagag 300
gggtacgacg ggtttgactc ctggggccaa ggcaccactc tcacagtctc ctca 354

<210> 2
<211> 318
<212> DNA
<213> Mus musculus

<400> 2
gagctcgtgc tcacccagtc tccagcaatc atgtctgcat ctccagggga gaaggtcacc 60
atgacctgca gtgccagctc aagtgtaaat tacatgtact ggtaccagca gaagtcaggc 120
acctccccca aaagatggat ttatgacaca tccaaattgg cttctggagt ccctgctcgc 180
ttcagtggca gtgggtctgg gacctcttac tctctcacac tcagcagcat ggaggctgaa 240
gatgccgcca cttattactg ccagcagtgg agtagtaatc cgtacacgtt cggaggggggg 300
accaagctgg agataaaa 318

<210> 3
<211> 360
<212> DNA
<213> Mus musculus

<400> 3
gaggttcagc tgcagcagtc tggggcagag cttgtgaagc ctggggcctc agtcaagttg 60
tcctgcacat cttctggctt caacattaaa gacacctatg tgcactggat gaaacagagg 120
cctgaacagg gcctggagtg gattggaaag attgatcctg cgaatggtaa aactaaatat 180
gacccgatat tccaggccaa ggccactatg acagcagacg catcctccaa tacagcctac 240
ctgcaactca gcagcctgac ttctgaggac actgccgtct attactgtgc tctccccatt 300
tattacgcta gttcctggtt tgcttactgg ggccaaggga ctctggtcac tgtctctgca 360

<210> 4
<211> 318
<212> DNA
<213> Mus musculus

<400> 4

gacattgtga tgacccagtc tcacaaattc atgtccacat cagtaggaga cagggtcagc 60
atcacctgca aggccagtca ggatgtgggt acttctgttg cctggtatca acagaaacct 120
gggcactctc ctaaattact gatttactgg acatccaccc ggcacactgg agtccctgat 180
cgcttcacag gcagtggatc tgggacagat ttcattctca ccattagcaa tgtgcagtct 240
gaagacttgg cagattattt ctgtcagcaa tatagcagct ctcccacgtt cggaggggg 300
gccaaggtgg aaataaaa 318

<210> 5
<211> 321
<212> DNA
<213> Mus musculus

<400> 5
gacatcttgc tgactcagtc tccagccatc ctgtctgtga gtccaggaga aagagtcagt 60
ttctcctgca gggccagtca gagcattggc acaagaatac actggtatca acaaagaaca 120
aatggttctc caaggcttct cataaagtat ggttctgagt ctatctctgg gatcccttcc 180
aggtttagtg gcagtggatc agggacagat tttagtctta gcatcaacag tgtcgagtct 240
gaagatattg cagattatta ctgtcaacaa agtaatacct ggccgctcac gttcggtgct 300
gggaccaagc tggagctgaa a 321

<210> 6
<211> 369
<212> DNA
<213> Mus musculus

<400> 6
gaggtgcagc tgctcgagca gtctggagct gagctggtga agcctggggc ctcagtgaag 60
atttcctgca aggcttctgg ctacgcattc agtacctcct ggatgaactg ggtgaaacag 120
aggcctggaa agggtcttga gtggattgga cggatttatc ctggagatgg agatactaac 180
tacaatggga agttcaaggg caaggccaca ctgactgcag acaaatcctc cagcacagcc 240
tacatgcaac tcaacagcct gacatctgag gactctgcgg tctacttctg tgtaagagag 300
gatgcctatt atagtaaccc ctatagtttg gactactggg gtcaaggaac ctcagtcacc 360
gtctcctca 369

<210> 7
<211> 321
<212> DNA
<213> Mus musculus

<400> 7
gagctccaga tgacccagtc tccatccagt ctgtctgcat cccttggaga cacaattacc 60
atcacttgcc atgccagtca gaacattaat gtttggttaa gctggtatca gcagaaacca 120
ggagatatcc ctaaactatt gatctataag gcttccaact tgcacacagg cgtcccatca 180
aggtttagtg gcagtggatc tggaacaggt ttcacattag tcatcagcag cctgcagcct 240
gaagacattg ccacttacta ctgtcaacag ggtcgaagtt atcctctcac gttcggtgct 300
gggaccaagc tggagctgaa a 321

<210> 8
<211> 354
<212> DNA
<213> Mus musculus

<400> 8
gaggtgcagc tgctcgagga gtctgggga ggcttagtga agcctggagg gtccctgcaa 60
ctctcctgtt cagcctctgg attcactttc agtagccatt tcatgtcttg ggttcgccaa 120
actccagaga agaggctgga gtgggtcgca tccattagta gtggtggtga cagtttctat 180
ccagacagtc tgaagggccg attcgccatc tccagagata atgccaggaa catcctgttc 240
ctgcaaatga gcagtctgag gtctgaggac tcggccatgt atttctgtac aagagactac 300
tcttggtatg ctttggacta ctggggtcaa ggaacctcag tcaccgtctc ctca 354

<210> 9
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 9
Asn Tyr Trp Ile His
1 5

<210> 10
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 10
Tyr Ile Asn Pro Ala Thr Gly Ser Thr Ser Tyr Asn Gln Asp Phe Gln
1 5 10 15

Asp

<210> 11
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 11
Glu Gly Tyr Asp Gly Phe Asp Ser
1 5

<210> 12
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 12
aactactgga ttcac 15

<210> 13
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 13
tacattaatc ctgccactgg ttccacttct tacaatcagg actttcagga c 51

<210> 14
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 14
gaggggtacg acgggtttga ctcc 24

<210> 15
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 15
Ser Ala Ser Ser Ser Val Asn Tyr Met Tyr
1 5 10

<210> 16
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 16
Asp Thr Ser Lys Leu Ala Ser
1 5

<210> 17
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 17
Gln Gln Trp Ser Ser Asn Pro Tyr Thr
1 5

<210> 18
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 18
agtgccagct caagtgtaaa ttacatgtac 30

<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 19
gacacatcca aattggcttc t 21

<210> 20
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 20
cagcagtgga gtagtaatcc gtacacg 27

<210> 21
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 21
Asp Thr Tyr Val His
1 5

<210> 22
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 22
Lys Ile Asp Pro Ala Asn Gly Lys Thr Lys Tyr Asp Pro Ile Phe Gln
1 5 10 15

Ala

<210> 23
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 23
Pro Ile Tyr Tyr Ala Ser Ser Trp Phe Ala Tyr
1 5 10

<210> 24
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 24
gacacctatg tgcac 15

<210> 25
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 25
aagattgatc ctgcgaatgg taaaactaaa tatgacccga tattccaggc c 51

<210> 26
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 26
cccatttatt acgctagttc ctggtttgct tac 33

<210> 27
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 27
Lys Ala Ser Gln Asp Val Gly Thr Ser Val Ala
1 5 10

<210> 28
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: CDR

<400> 28
Trp Thr Ser Thr Arg His Thr
1 5

<210> 29
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 29
Gln Gln Tyr Ser Ser Ser Pro Thr
1 5

<210> 30
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 30
aaggccagtc aggatgtggg tacttctgtt gcc 33

<210> 31
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 31
tggacatcca cccggcacac t 21

<210> 32
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 32
cagcaatata gcagctctcc cacg 24

<210> 33
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 33
Gly Phe Thr Phe Ser Ser His Phe Met Ser
1 5 10

<210> 34
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 34
Ser Ile Ser Ser Gly Gly Asp Ser Phe Tyr Pro Asp Ser Leu Lys Gly
1 5 10 15

<210> 35
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 35
Asp Tyr Ser Trp Tyr Ala Leu Asp Tyr
1 5

<210> 36
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 36
Gly Tyr Ala Phe Ser Thr Ser Trp Met Asn
1 5 10

<210> 37
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 37
Arg Ile Tyr Pro Gly Asp Gly Asp Thr Asn Tyr Asn Gly Lys Phe Lys
1 5 10 15

Gly

<210> 38
<211> 13

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 38
Glu Asp Ala Tyr Tyr Ser Asn Pro Tyr Ser Leu Asp Tyr
1 5 10

<210> 39
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 39
ggctacgcat tcagtacctc ctggatgaac 30

<210> 40
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 40
cggatttatc ctggagatgg agatactaac tacaatggga agttcaaggg c 51

<210> 41
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 41
gaggatgcct attatagtaa cccctatagt ttggactac 39

<210> 42
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 42
ggattcactt tcagtagcca tttcatgtct 30

<210> 43
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 43
tccattagta gtggtggtga cagtttctat ccagacagtc tgaagggc 48

<210> 44
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 44
gactactctt ggtatgcttt ggactac 27

<210> 45
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 45
Arg Ala Ser Gln Ser Ile Gly Thr Arg Ile His
1 5 10

<210> 46
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 46
Tyr Gly Ser Glu Ser Ile Ser
1 5

<210> 47
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 47
Gln Gln Ser Asn Thr Trp Pro Leu Thr
1 5

<210> 48
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 48
His Ala Ser Gln Asn Ile Asn Val Trp Leu Ser
1 5 10

<210> 49
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 49
Lys Ala Ser Asn Leu His Thr
1 5

<210> 50
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 50
Gln Gln Gly Arg Ser Tyr Pro Leu Thr
1 5

<210> 51
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 51
agggccagtc agagcattgg cacaagaata cac 33

<210> 52
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 52
tatggttctg agtctatctc t 21

<210> 53
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 53
caacaaagta atacctggcc gctcacg 27

<210> 54
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 54
catgccagtc agaacattaa tgtttggtta agc 33

<210> 55
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 55
aaggcttcca acttgcacac a 21

<210> 56
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CDR

<400> 56
caacagggtc gaagttatcc tctcacg 27